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The ***FEMP MONTHLY UPDATE*** is prepared expressly for the Department of Energy's Office of Federal Energy Management Programs (FEMP). The purpose of the ***UPDATE*** is to provide FEMP management staff with timely information on topics relevant to the program. This includes the status of pending Federal and state legislation and summaries of public and private sector energy-related activities. The ***FEMP MONTHLY UPDATE*** is prepared for FEMP by Energetics, Incorporated, (202) 479-2748.

DOE BULLETIN BOARD

Short-Term Energy Outlook, Energy Information Administration, December 2001.

According to the December issue of EIA's *Short Term Energy Outlook*, natural gas prices are continuing to fall and it is unlikely that average spot gas prices will rise above \$2.00 per thousand cubic feet in 2002. Assuming normal weather conditions, spot wellhead prices are expected to average \$2.15 per thousand cubic feet this winter, about two-thirds lower than last year's average of \$6.48 per thousand cubic feet.

EIA predicts a 35 percent reduction in the average natural-gas heating bill as compared to last winter. Other household heating costs are also expected to decline, including a 29 percent reduction in oil-heating costs, a 29 percent reduction in costs for propane heat, and a 12 percent decline in the average electricity bill for electricity-heated homes.

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REMINDER!

Have you registered for Energy 2002? The FEMP-sponsored conference is on June 2-5 in Palm Springs, California. For more information or to sign up, see www.eren.doe.gov/femp.

CONGRESSIONAL ACTIVITIES

CONGRESSIONAL SCHEDULE

Congress is scheduled to be in session at least until December 21 to clear pending FY 2002 appropriations bills. However, Senate Majority Leader Tom Daschle (D/SD) said last week that he prefers to declare a recess rather than to adjourn, so that Congress can complete work on other priority legislation. A recess would allow members to be called back to address such issues as homeland security, economic stimulation, the farm bill, among other key legislative initiatives. Traditionally, Congress tries to adjourn for the year in early October if all 13 annual appropriation bills are passed.

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FY 2001 APPROPRIATIONS

Continuing Resolution H. J. Res 78 – Seventh Continuing Resolution (passed the House on December 13 and the Senate on December 14; pending the President's signature) *H. J. Res. 78* extends the deadline for enacting FY 2002 appropriations until December 21. Bills of interest that have yet to be enacted include the following:

- ***H.R. 3338/S_____ - Defense Appropriations*** (passed the House on November 28 and the Senate on December 7; conferees completed their work on December 18 and issued the *Conference Report H. Rpt. 107-____*; House and Senate votes on the report are pending.). The bill provides general construction funds for the Department of Defense. There exists a discrepancy between the House and Senate on the allocation of funding for the \$20 billion FY 2002 Emergency Supplemental bill. For example, the Senate version would provide many Federal agencies with additional resources to improve facility security "enhancements." Agencies affected include the Departments of Health and Human Services, Agriculture, and Energy (e.g., nuclear power plants and National Laboratories), the White House, the General Services Administration, the National Aeronautic and Space Administration, and Congressional buildings. Conference negotiations are expected to occur this week, and the House has allotted time for a floor vote later this week if a conference report is produced.
- ***H.R. 3061/S1536 – Labor, Health and Human Services, and Education Appropriations*** (passed the House on October 11 and the Senate on November 6; conferees completed their work on December 18 and issued the *Conference Report H. Rpt. 107-342*; House and Senate votes on the report are pending.) The bill provides building construction and renovation funds for the Departments of Labor and Health and Human Services.

- ***H. R. 2299/S. 1178 – Transportation and Related Agencies Appropriations*** (conference report cleared the House on November 30 and the Senate on December 4; currently pending the President’s signature). The bill provides funding for the U.S. Coast Guard’s shore facilities.

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STATUS OF PENDING AUTHORIZATION BILLS OF INTEREST TO FEMP

H.R. 2586 /S. 1438 - FY 2002 Defense Authorization *Conference Report 107-333* (passed the House and the Senate on December 13) The \$343.3 billion bill provides funding for a wide range of DOD and DOE defense-related activities as well as for general construction and includes the following provisions of interest:

General Construction

- Authorizes the use of research and development funds for the construction of facilities for the missile defense test bed in Alaska
- **Authorizes \$10.5 billion for military construction and family housing (includes expansion of the Army’s National Training Center at Fort Irwin, California, and extends DOD’s authority for the agency’s housing privatization program to 2012)**

Base Closings

- Authorizes a new round of base closings in 2005 with criteria for the Secretary of Defense to use to select bases for closure

Energy

- **Authorizes \$27.1 million for energy conservation measures in DOD facilities as provided in section 2865 of title 10 of the United States Code**
- Authorizes an increase of \$15 million for an accelerated, cost-shared development program with industry for hybrid vehicles under the National Automotive Center Commercially Based Tactical Truck program
- **Directs DOD to purchase additional hybrid electric vehicles for the agency’s fleet of light duty trucks beginning in FY 2004**
- Adds \$20 million to accelerate the development of hybrid electric drive for the Interim Armored Vehicle

The bill is now pending the President’s signature.

H.R. 2742 – No Short Title The bill authorizes the Department of Interior to construct a new museum and associated buildings in Oklahoma City, Oklahoma. The bill provides \$33 million over a four-year period to provide technical assistance for the construction of the Native American Cultural Center and Museum, which will include a 40,000 square foot amphitheater and associated facilities. *H R. 2742* cleared the House on December 11.

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NEW LEGISLATIVE INITIATIVES OF INTEREST TO FEMP

- See [Attachment A](#) – Status of FY 2002 Appropriations Bills
- See [Attachment B](#) – New Legislation of Interest to FEMP

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HEARINGS OF INTEREST OF FEMP

- See [Attachment C](#) – Hearings of Interest to FEMP

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FEDERAL AGENCY ACTIVITIES

See also:

- [Attachment D](#) – Privatization Projects
- [Attachment E](#) – Federal Building Projects

ATLANTA REGION

No news of interest to FEMP.

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BOSTON REGION

No news of interest to FEMP.

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CHICAGO REGION

No news of interest to FEMP.

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DENVER REGION

Utility/DSM Activities

The Army's Dugway Proving Ground in Utah is seeking a source to provide a natural gas transportation line to the installation. The selected contractor will be required to finance, obtain permits, construct, own, operate, and maintain the natural gas service. Dugway Proving Ground's current heating load is approximately one million gallons of FS2 and one half million gallons of propane. The project would result in the replacement of the current fuel source with natural gas. This announcement has been issued to determine the level of interest in the proposed package; if no interest is expressed, the Army will not proceed with the initiative. For more information, contact Rick Jaramilo at 432-831-2150 (no Solicitation Number provided).

The U.S. Postal Service has announced the award of a contract for the purchase of electrical power for 721 facilities in Texas. USPS award TXU Energy Services of Dallas, Texas, with a contract valued at approximately \$23,413,842 over a two-year period. The USPS office in Windsor, Connecticut, awarded contract number 089480-02-P-0207 (no contact provided).

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PHILADELPHIA REGION

No news of interest to FEMP.

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SEATTLE REGION

Utility/DSM Activities

DOE's Oakland Operations Office plans to issue a Request For Proposals (RFP) to select a provider for the management of utility and engineering support services. Tasks include the acquisition and management of utility services for electricity, natural gas, potable water, and sanitary sewage. In addition, the Operations Office will also require the provider to participate in utility regulatory proceedings. The RFP will be issued on or about January 9, 2002. For additional information, contact Nicholas Jackson at (510) 637-1995.

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STATE AND LOCAL GOVERNMENT ACTIVITIES

ATLANTA REGION

► *Status of Utility-Related Activities*

Arkansas's decision to suspend its deregulation plan has left the state struggling with what to do with a \$120 million fund established to help Entergy pay down its stranded costs in a deregulated market. Deregulation has been postponed until at least October 2003. If lawmakers do not decide on a deregulation date by December 31, 2003, the Public Service Commission may require that Entergy refund the \$120 million to its customers. (Source: *Arkansas Democrat-Gazette*, December 6, 2001)

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BOSTON REGION

► *General State Activities*

New York energy marketers will receive \$3 million in renewable energy development and marketing funds from the New York State Energy Research and Development Administration. Another \$300,000 is available for programs that market renewable energy sources not presently in operation. (Source: www.eren.doe.gov/greenpower/nyserda_1101.shtml)

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CHICAGO REGION

► *General State Activities*

Residential and business customers of municipal utilities in the City of Springfield, Missouri, may now participate in the new WindCurrent Program. The wind power can be purchased in 100-kWh blocks at a rate of five dollars each. Customers must sign on to the program for at least one year.

(Source: www.eren.doe.gov/greenpower/windcurrents_1101.shtml)

► *Status of Utility-Related Activities*

Indiana State Representative Craig Fry (D) plans to introduce legislation in January that would establish a public power authority tasked with building coal-fired plants and ensuring low rates and sufficient generating capacity in Indiana. The proposed Indiana Public Power and Finance Authority would compete with investor-owned utilities for customers. (Source: *Electric Power Daily*, December 7, 2001)

Michigan has approved new regulations that prohibit switching electric providers without the customer's consent and, as a result, prevent billing of unauthorized services, called "slamming" and "cramming" respectively. The Michigan Public Service Commission now requires that customers must prepare written authorization and provide notice to any relevant third party in order to switch providers. To prevent a \$30,000 first offense violation, new suppliers must contact customers and the existing supplier at least seven days prior to the change in service. (Source: *Michigan Public Service Commission News Release*, November 20, 2001 and *Electric Power Daily*, November 26, 2001)

Commonwealth Energy Corporation has been approved by the Michigan Public Service Commission to sell electric power to retail customers. Operating under the name ElectricAmerica, it will be the 12th alternative electric supplier to enter Michigan's market. (Source: *Michigan Public Service Commission News Release*, November 20, 2001 and *Electric Power Daily*, November 26, 2001)

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DENVER REGION

► *Status of Utility-Related Activities*

When deregulation begins on January 1, 2002, Texas utilities will offer a "price-to-beat" rate mandated by the Texas Public Utility Commission (PUC). New rates ranging from 5.99 to 8.88 cents per kilowatt hour will save customers up to 18 percent over current utility rates. Central Power and Light, Reliant Energy, TXU SESCO, TXU Electric, Texas-New Mexico Power Company, and West Texas Utilities will participate in this rate structure until January 1, 2007, but have the option to offer different rates after January 2005 or earlier if their customers switch to other suppliers. With PUC approval, Rates may be shifted twice per year in order to respond to changes in natural gas or electric costs. (Source: Reuters, December 10, 2001)

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PHILADELPHIA REGION

► *Status of Utility-Related Activities*

PPL Corporation is being investigated by the Pennsylvania Public Utility Commission for market manipulation. After January 1, 2001, PJM Interconnection, the organization that operates bulk electric power systems throughout five Mid-Atlantic states and the District of Columbia, required that all companies selling electricity in its territory purchase installed capacity from companies that own

generating plants. PPL subsequently raised their prices from \$177 per megawatt per day to \$354 per megawatt per day, which caused some market participants to pull out of the Pennsylvania market. PPL contends that all of its actions were legal and were intended to benefit shareholders. (Source: *The Patriot-News*, December 11 and December 13, 2001)

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SEATTLE REGION

► *General State Activities*

Alameda County, California, used a low-interest, energy-efficiency loan offered by the California Energy Commission (CEC) to expand its rooftop solar electric system. The 1.14 megawatt system, located on top of the Santa Rita jail, is now the nation's largest rooftop solar electric system. Other taxpayer-funded programs from the California Public Utilities Commission and the CEC were tapped for additional funding. (Source: *LCG*, December 6, 2001)

The California Power Authority warned energy customers in the California Counties of San Francisco and San Mateo that blackouts are likely this winter if customers do not conserve energy. The Independent System Operator is less pessimistic. According to ISO representative Stephanie McCorkle, "Every year, there are incidents that highlight transmission and generation issues on the peninsula." (Source: *San Francisco Chronicle*, December 5, 2001)

The State of California has launched an investigation to determine how the collapse of Enron will affect the state's energy markets. Information gathered from the inquiry will be presented at hearings during the week of January 7, 2002. (Source: *Greenwire*, December 10, 2001)

► *Status of Utility-Related Activities*

Commissioner William Mundell of the Arizona Corporation Commission has asked legislators to reevaluate Arizona's deregulation rules. Since Arizona's deregulation process began in January 2001, customers have experienced stranded cost issues and the threat of energy shortages. Public hearings will be held to determine whether the state should alter its course of deregulation. (Source: *The Arizona Public*, December 6, 2001 and *Electric Power Daily*, December 7, 2001)

Two exemptions in clean air laws for new power plants in California have been rescinded. The loopholes had permitted highly-polluting plants to utilize the state's fastest licensing process and would have allowed peaker plants (generators connected to the existing grid that provide electricity at peak use times) to run for many more years without installing new pollution control apparatus. Criticism from policymakers and environmentalists and a lack of new power plant applications led to the unanimous vote to rescind the exemptions. (Source: *Sacramento Bee*, December 6, 2001)

Utilities in Nevada are filing a complaint with the Federal Energy Regulatory Commission (FERC) that claims the agency should cut rates in long-term contracts that utilities signed last winter and spring. State authorities are charging that, since FERC acknowledged that prices on the spot market during those times were "unjust," utilities should be relieved of having to pay those high prices. Duke Energy Corporation argues that "[This situation is] like purchasing a home and a year or two later the prices go down.... You don't go back and sue the person you bought it from because the market has changed." (Source: *Sacramento Bee*, December 11, 2001)

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UTILITIES AND SUPPLIER ACTIVITIES

ATLANTA REGION

► *Restructuring Activities*

Industrialinfo.com reports that investor-owned utilities in Mississippi are preparing for a deregulated electric market. The company reports that over 11,000 mega-watts of new electric generation capacity have been planned through 2005. The majority of new plants are natural gas and combined-cycle, but smaller landfill gas, fuel cell, and hydroelectric projects have been planned as well. (Source: *Business Wire*, December 4, 2001)

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BOSTON REGION

► *Restructuring Activities*

The first residential supplier to enter the deregulated energy market in Massachusetts will offer rates just below the default offer rate from Massachusetts Electric. Dominion Retail, Inc., has proposed a rate of \$66.31 per month for default customers who sign a three-year contract. Massachusetts Electric's standard offer customers will still receive rates of \$57.56 per month. (Source: *Boston Herald*, November 22, 2001 and *Utility Spotlight*, November 26, 2001)

► *Public Benefits Programs*

Niagara Mohawk Holdings and National Grid received merger approval from the New York Public Service Commission. Merger results include the following:

- Reduction in electricity delivery prices that results in a five percent reduction for each utility bill
- Extension of the Low-Income Customer Assistance Program
- Support for green power marketing and interconnection assistance for wind power sources

(Source: *National Grid Press Release*, November 28, 2001)

Fitchburg Gas and Electric Light Company (FG&E) filed with the Massachusetts Department of Telecommunications and Energy for a reduction in its electric rates for standard customers. The utility seeks a rate drop from \$0.06351 per kilowatt hour to \$0.05626 per kilowatt hour. Combined with annual rate shifts mandated by the Massachusetts Electric Restructuring Act, FG&E standard customers would receive a rate decrease of 6.4 percent per month beginning January 1, 2002. (Source: *Business Wire*, December 3, 2001)

Massachusetts Electric Company filed a request with the Massachusetts Department of Telecommunications and Energy to reduce its rates beginning in January 2002. The reduction would result in a 3.6 percent reduction in electric bills for residential customers, but if a previous rate reduction request is granted, standard offer customers have the ability to save 11.7 percent on their monthly bill. (Source: *Business Wire*, December 3, 2001)

Customers of NativeEnergy in Vermont may purchase green certificates for \$120 per year in the WindBuilders Program. Proceeds will support the construction of new wind farms and promote efforts to reduce carbon dioxide emissions. (Source: www.eren.doe.gov/greenpower/native_1101.shtml)

CHICAGO REGION

► *Restructuring Activities*

Alliant Energy recently released its Power Iowa Plan to provide reliable power for the utility's customers. Eliot Protsch of Alliant said, "Like a solid investment portfolio, a strong energy future calls for a diversified mix of energy sources." The mix of approaches includes the following four items:

- Addition of 500 megawatts of new combined and simple-cycle natural-gas-fired plants by 2004
- Procuring renewable generating capacity by submitting a Request For Proposals (RFP).
- Addition of new coal-fired, baseload capacity by 2007
- Increase in energy conservation and process improvements at Alliant Energy's commercial and industrial customers' locations

To view the RFP, visit Alliant Energy's website at www.alliantenergy.com/iowagasrfp.pdf

DENVER REGION

No news of interest to FEMP.

PHILADELPHIA REGION

► *Restructuring Activities*

The State of Pennsylvania has signed a contract with Community Energy, Inc., to purchase 100 million kilowatt-hours in renewable power over the next two years. On January 1, 2002, Community Energy will begin supplying the state government with power produced from wind power, landfill gas, hydroelectric, and solar power sources. With this contract, renewable sources will now comprise one-fifth of Pennsylvania's energy portfolio. (Source: *PR Newswire*, December 5, 2001)

Conectiv and Potomac Electric Power Company recently reached a settlement that will result in a merger of the two utilities. Among other provisions, the merger will provide \$1 million for the Maryland Energy Administration to subsidize residential energy efficiency programs and to establish working groups to address issues such as reliability, service guarantees, and transmission congestion. (Source: *PR Newswire*, November 30, 2001)

► *Public Benefits Programs*

Philadelphia Gas Works (PGW) has reduced its gas rate by 28 percent for residential customers, resulting in approximately \$109 in annual savings. The reduction took effect December 1, 2001. PGW's last rate reduction was September 1, 2001. (Source: *Business Wire*, December 4, 2001)

SEATTLE REGION

► *Public Benefits Programs*

RealEnergy has begun installing ION Internet-enabled energy meters at distributed generation sites in Southern California, including solar installations, microturbines, and natural-gas-fired generators. The ION meters, manufactured by *Power Measurement*, conduct real-time energy monitoring and allow customers to upload energy use information through the Internet. In addition, customers can receive monthly bills via email. For more information, visit www.pwrm.com

Complying with a Washington State law passed earlier this year that requires all utilities to provide a green power option to customers beginning in 2002, **Seattle City Light will offer a green pricing program wherein residential customers can contribute \$3, \$7, or \$10 each month for electricity produced by wind, biomass, and solar sources.** Commercial customers may contribute on a different pay scale. (Source: www.eren.doe.gov/greenpower/seattle_1101.shtml)

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ALTERNATIVE FUELS AND VEHICLES

GENERAL ANNOUNCEMENTS

On December 3, the scooter-like device called the Segway was unveiled to the public. The Segway can travel up to 17 miles per hour and run an entire day on about five cents worth of electricity. The vehicles will not be available to the public for at least one year, but the U.S. Postal Service and the National Park Service plan to test the Segway over the next few months. (Source: *Greenwire*, December 3, 2001, and December 10, 2001)

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ATLANTA REGION

New Products and Services

On December 10, Atlanta-based eMotion Mobility and Micro Compact Car, a wholly owned subsidiary of Daimler Chrysler, broke ground on an electric vehicle production facility in Hinesville, Georgia. Micro Compact Car will build semi-completed “smart” cars in France and ship them to Hinesville, where workers will retrofit the vehicles with an electric drive train. The plant, located 33 miles southwest of Savannah, is expected to employ 100 to 150 workers and will have the capacity to produce over 6,000 vehicles per year. (Source: *EV World*, December 11, 2001; *CALSTART News Notes*, December 13, 2001)

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BOSTON REGION

New Products and Services

The New York Power Authority (NYPA) is launching a \$6 million school bus retrofit program. The initiative is part of a \$23 million program to offset pollution in the Bronx, Brooklyn, Queens, and Staten Island. NYPA will install diesel-particulate filters on 1,000 buses, which, together with engine adjustments and ultra-low sulfur diesel, will help reduce emission levels of particulates, carbon monoxide,

nitrogen oxides, sulfur oxides, and total hydrocarbons. (Source: *CALSTART News Notes*, December 5, 2001; *NYPA News Releases*, December 5, 2001)

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CHICAGO REGION

AFV Fleet Acquisitions

St. Louis-based Monsanto Company has placed an order for 50 ethanol-fuel vehicles. The vehicles will be produced by General Motors and powered by E85, a renewable fuel composed of 85 percent starch crops and 15 percent gasoline. (Source: *St. Louis Business Journal*, November 27, 2001)

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DENVER REGION

No news of interest to FEMP.

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PHILADELPHIA REGION

No news of interest to FEMP.

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SEATTLE REGION

No news of interest to FEMP.

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ENERGY MANAGEMENT TOOLS AND TECHNOLOGY

➤ See also [Attachment F](#), *New Technologies*.

SOFTWARE AND TECHNICAL ASSISTANCE TOOLS

Excelergy has successfully integrated its automation software with Microsoft's SQL Proprietary Database Language. According to Excelergy President Bill Mahoney, "This news is significant because Microsoft's database technology is now a viable, cost-effective alternative for energy and utility companies, and we're pleased to offer our clients a greater number of options as they create or modernize their systems." Excelergy's energy management software packages are designed for inter- and intra-company collaboration, and now they can be used with Microsoft's popular database programs. For more information, see www.excelergy.com.

In other Excelergy news, **the company has introduced the newest version of Excelergy Advanced Business Package.** Version 4.4.0 allows collaboration, speeds transactions, and streamlines problem resolution. The Advanced Business Package is a software platform that "automates and manages" energy processes like forecasting, settlement, and billing. For more information, see www.excelergy.com.

The Dallas -based Lennox company has introduced its Network Control Panel software. The program allows Windows-based computers to control heating and HVAC systems. Either of the two versions of Network Control Panel, Basic or Expanded, will allow users to create schedules, set alarms, and more. For more information, see www.esmagazine.com/CDA/ArticleInformation/products/BNPPProductItem/0,2508,68081,00.html.

Airpak 2.0 allows facilities managers to design ventilation systems without the guesswork. The computational fluid dynamics program from Fluent, Inc., will calculate airflow, heat transfer, and contaminant transport, both in internal ventilation systems and in air flows around the exterior of buildings. For more information, see www.fluent.com.

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MEETINGS, CONFERENCES, AND TRAINING **WORKSHOPS**

➤ Refer to [Attachment G](#) – Calendar of Upcoming Events.

ATLANTA REGION

FEMP is sponsoring consecutive workshops on the FEDS 5.0 software in Tampa, Florida. The Introduction to FEDS course will be on January 30, and the Advanced FEDS course will run January 31 to February 1. For more information, see www.pnl.gov/femp.

The Association of Energy Engineers is holding a Comprehensive Five-Day Training Program for Energy Managers in Miami Beach, Florida, on February 11-15. Topics include energy audits, codes and standards, financing, lighting, HVAC, boilers, and more. For more information, see www.aeecenter.org.

Energy User News, Global Energy Solutions, Energy Central, Sciencetech, and E-Source are all sponsoring a conference, Distributed Generation and On-Site Power, on March 11-13 in Atlanta, Georgia. Topics include Federal and state policy, distributed generations markets, siting, CHP systems, interconnection, and much more. For additional information, see www.dist-gen.com.

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BOSTON REGION

No events of interest to FEMP.

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CHICAGO REGION

The Federal Fleet Policy Council and the General Services Administration's Office of Governmentwide Policy are sponsoring a workshop and information fair, FedFleet 2002, on July 22-25 in Kansas City, Missouri. Topics will include Hybrid Vehicles & Fuel Cells, Recycling Initiatives, AFV Manufacturers, and Alternative Fuel Vehicles for the Department of Defense. For more information, see www.fedfleet.org.

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DENVER REGION

The Association of Energy Engineers is sponsoring a seminar, **Fundamentals of Buying and Selling Energy, on January 9-11 in Denver, Colorado.** The course will aid in preparation for the Certified Energy Procurement Professional's exam. For more information, see www.aeecenter.org.

The Association of Energy Engineers is sponsoring a seminar, Fundamentals of Energy Management, on January 10-11 in Denver, Colorado. The course will aid in preparation for the Certified Energy Manager's exam and is cosponsored by FEMP. For more information, see www.aeecenter.org.

The Association of Energy Engineers is sponsoring a seminar, **HVAC&R 101: Fundamentals of Heating, Ventilating, Air Conditioning, and Refrigeration Systems, on February 7-8 in Dallas, Texas.** Topics include HVAC Systems and Controls, Air- and Water-Side Components, Electrical Systems, and more. For additional information, see www.aeecenter.org.

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PHILADELPHIA REGION

The Department of Energy and the National Building Museum are sponsoring a free lecture, **House_n, the MIT Home of the Future, on January 9 in Washington, DC.** Kent Larson, an architect and research scientist from the Massachusetts Institute of Technology (MIT), will describe the MIT Home of the Future and how American technologies make it possible. For more information, see architecture.mit.edu/house_n. The lecture will be held at the National Building Museum at 401 F Street, NW, Washington, DC, from 12:30 to 1:30 pm.

The Interagency Energy Management Task Force is meeting in Washington, DC, on January 16. The task force meets "to develop energy management policy, identify customer needs, establish energy priorities, and coordinate communications across Federal Agencies." For more information, contact FEMP's Rick Klimkos at (202) 586-8287.

The University of California at Davis is sponsoring a **Fuel Cell Vehicle Workshop on January 17-18 in Washington, DC.** UC Davis researchers will teach sessions on "the attractiveness, barriers, and opportunities to introduce hydrogen, methanol, and hydrocarbon fuels for use in fuel cells." For more information, see www.its.ucdavis.edu/events.html.

The Strategic Research Institute is presenting a conference, **Energy Security: Safeguarding Our Nation's Power, on February 26-27 in Arlington, Virginia.** DOE Director of Office Security Joseph Mahaley will be among the speakers. Topics will include new security technologies and changes in policy since September 11. For more information, see www.srinstitute.com/cr222.

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SEATTLE REGION

FEMP is co-sponsoring a peer-to-peer exchange, Energy Cross Talk 2002, on January 29-30 in Seattle, Washington. This invitation-only gathering will highlight ideas for the use of Federal energy managers. For more information, contact Allison Thomas at (202) 586-2099.

The Association of Energy Engineers is sponsoring a seminar, **Fundamentals of Buying and Selling Energy, on February 6-8 in San Francisco, California.** The course will aid in preparation for the Certified Energy Procurement Professional's exam. For more information, see www.aeecenter.org.

The Air and Waste Management Association is holding its winter conference, Technologies for Emerging Energy Policies: Meeting Energy Demand with Secure, Environmentally Friendly Technologies, on February 11-12 in San Francisco, California. Topics will include Electronic Security of Critical Infrastructure Systems, Renewable and Sustainable Energy Generation, Meeting Energy Demand with Clean Coal Technologies, and Transportation and Distributed Generation. For more information, see www.awma.org/events/winter/default.asp.

The Association of Energy Engineers is holding a two-day seminar, Energy Auditing 101: Identifying Cost-Saving Opportunities in Plants and Buildings, on February 14-15 in Sacramento, California. Topics include the Auditing Process, Fuels and Utilities, Demand Side Management Strategies, Reducing Building Losses, and more. For more information, see www.aeecenter.org.

The University of Wisconsin's College of Engineering is sponsoring two consecutive conferences on February 18-22 in Ontario, California. The first, Total Building Commissioning Process, will take place February 18-20 and will cover Planning and Programming, Design, Construction, and Acceptance. The second, The Commissioning Process Supporting Technology, will cover Green and Sustainable Building Principles, Thermal Envelope Systems, Retro- and Re-Commissioning, Quality Testing, and more. For more information, see epdweb.engr.wisc.edu/brochures/E215.html.

WestStart and the U.S. Army's National Army Automotive Center are presenting their second annual conference, Clean Heavy Duty Vehicles for the 21st Century: Exploring Trends in Advanced Technologies and Fuels, on February 20-22 in Tempe, Arizona. Topics will include International Trends, Challenges of EPA Regulations, Clean Fuels, and New Technologies. For more information, see www.westart.org/misc.

The Association of Energy Engineers is sponsoring a seminar, Keys to Energy Management, on February 21-22 in Anaheim, California. Topics will include Fundamentals of Building Energy Systems, Energy Accounting and Analysis, Fuel Supply and Pricing, Operational Assurance, and more. For additional information, see www.aeecenter.org.

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STUDIES, REPORTS, AND ANALYSES

SOLAR AND RENEWABLE ENERGY

An untitled Gallup Poll conducted on November 8-11 discovered that 91 percent of Americans favor investing in alternative sources of energy. Of the 512 adults polled, 81 percent said that the U.S. needs new power plants, 42 percent backed new nuclear energy plants, and 44 percent thought drilling in the Arctic National Wildlife Refuge was a "good idea." (Source: *EarthVision Environmental News*, December 3, 2001)

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ECONOMIC ANALYSES

***Globalization, Growth, and Poverty: Building an Inclusive World Economy*, World Bank, December 5, 2001.**

The World Bank recommends seven steps to stimulate a fourth wave of globalization. The items are:

- Developed countries should lower their agricultural subsidies.
- Developing countries should increase the effectiveness of their governments.
- Education and health services should be improved.
- Workers should be granted “social protection” in order to encourage risk-taking and entrepreneurship.
- Developed countries should increase foreign aid.
- Developing countries committed to reform should have their foreign debt reduced.
- Greenhouse gases should be reduced through international cooperation.

Reaction to the World Bank report was mixed, with environmental and globalization organizations praising the report’s conclusions while criticizing the World Bank’s methods. (Source: *Greenwire*, December 7, 2001)

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CLIMATE CHANGE

Degrees of Danger, Physicians for Social Responsibility, December 4, 2001.

According to Associate Executive Director Ruth Swanson, Physicians for Social Responsibility’s goal with the report is to take “a global warming issue and make it a health issue.” The report predicts increased asthma, insect-borne diseases, and heat stroke in the State of New York. (Source: *Rochester Democrat and Chronicle*, December 5, 2001)

Abrupt Climate Change, National Academy of Sciences, December 2001.

The National Academy of Sciences has released a pre-publication version of its new report, which discusses the possibility that shifts in the earth’s temperature will happen (and have historically happened) rapidly rather than as gradual changes. For more information, see www.nap.edu.

MISCELLANEOUS

GSA's Guidance and Oversight Concerning Areawide Utility Contracts, General Accounting Office, December 17, 2001.

This is a summary of a letter written to David Drabkin, Deputy Administrator of the General Services Administration, by David Cooper, Director of Acquisition and Sourcing Management, and Sheila Ratzenberg, Associate General Counsel of the General Accounting Office. The letter is a follow up to a report prepared by GAO regarding a \$43 million areawide utility contract awarded by GSA to Washington Gas Light Company for utility services at District of Columbia schools. In the report, GAO found that the contract was used for "general facility improvements and maintenance work that was outside the scope of the contract." The report included GAO's concerns regarding GSA guidance on areawide contracts for utility services. The letter to Mr. Drabkin describes the GAO findings in more detail and provides specific actions to improve GSA oversight of areawide contracts and contractor guidance. In the conclusion, GAO states:

Following current guidance, ordering agencies could inappropriately define an energy-efficiency project to be anything a utility - or its subsidiaries - is willing and able to perform as a private business rather than in its capacity as a public utility. The guidance could be interpreted as permitting agencies to

order such energy-efficiency projects on a sole-source basis under an areawide contract, even if the projects are not subject to regulatory authority as required by law. We believe the guidance fails to clearly advise agencies that unless the ordered services are subject to regulatory authority, agencies are required to use competitive acquisition procedures to obtain the services when more than one source exists.

The letter is available online by visiting the GAO web site at <http://www.gao.gov/daybook/011218.htm>.

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ATTACHMENT A

STATUS OF FY 2002 APPROPRIATIONS BILLS

(In Billions)

HOUSE

SENATE

<i>Jurisdiction/ FY 2002 Budget Request/Final Funding Level</i>	<i>302(b) Allocations</i>	<i>Bill No.</i>	<i>Full Cmte.</i>	<i>Floor</i>	<i>Conf. Report Passed</i>	<i>302(b) Allocations</i>	<i>Bill No.</i>	<i>Full Cmte.</i>	<i>Floor</i>	<i>Conf. Report Passed</i>
Agriculture \$ 15.409 \$75.794 * P.L. 107-76	\$ 15.519	H.R. 2330	June 13	July 13	Nov. 13	\$ 16.092	S. 1191	July 17	Oct. 25	Nov. 15
Commerce \$ 37.944 \$41.635 P.L. 107-77	\$ 38.541	H.R. 2500	July 13	July 19	Nov. 14	\$38.760	S. 1215	July 19	Sept. 13	Nov. 15
Defense \$300.962	\$300.292	H.R. 3338	Oct. 24	Nov. 28		\$298.568	---	Dec. 4	Dec. 7	
Energy and Water Development \$ 2.517 P.L. 107-66 \$25.086	\$ 23.704	H.R. 2311	June 25	June 28	Nov. 1	\$ 25.129	S. 1171	July 12	July 19	Nov. 1
Interior \$ 18,092 P.L. 107-63 \$19.708	\$ 18.941	H.R. 2217	June 13	June 21	Oct. 17	\$ 18.527	H.R. 2217	June 28	July 12	Oct. 17
Labor / HHS \$115.682	\$119.758	H.R. 3061	Oct. 9	Oct. 11		\$119.000	S. 1536	Oct. 11	Nov. 6	
Military Construction \$ 9.650 P.L. 107-64 \$10.5	\$ 10.155	H.R. 2904	Sept. 20	Sept. 21	Oct. 17	\$ 9.649	S. 1460	Sept. 25	Sept. 26	Oct. 18
Transportation \$ 14.891	\$ 14.893	H.R. 2299	June 20	June 26	Nov. 30	\$ 15,579	S. 1178	July 12	August 1	Dec. 4
Treasury \$ 16.488 P.L. 107-67 \$32.493	\$ 16.880	H.R. 2590	July 17	July 30	Oct. 31	\$ 16.972	S. 1398	July 26	Aug 2	Nov. 1
VA/HUD \$ 83.683 P.L. 107-73 \$112.7	\$ 84.159	H.R. 2620	July 17	July 31	Nov. 8	\$ 84.053	S. 1216	July 19	August 2	Nov. 8

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ATTACHMENT B

NEW LEGISLATION OF INTEREST TO FEMP

HOUSE

Number	Short title	Date	Sponsor	Status
H.R. 3455	<i>No Short Title</i>	December 11	Edward Markey (D/MA) <i>Committee on Energy and Commerce; Committee on Resources</i>	Referred to Committee on Ways and Means
	Amends the <i>Internal Revenue Code of 1986</i> . Provides incentives to introduce new energy-efficient technologies in buildings, including the following: a tax deduction for residential rental buildings equal to the cost of efficiency improvements—up to \$1,500 for 30 percent gains in efficiency and \$4,000 for 50 percent gains; a tax credit for certain non-business improvements, which cut heating and cooling costs—up to \$500 for 30 percent cuts and up to \$1,200 for 50 percent cuts.			
H.R. 3493	<i>Renewable Fuel Equity Act</i>	December 13	Duncan Hunter (R/CA)	Referred to Committee on Ways and Means
	Key Provisions:	Amends the <i>Internal Revenue Code of 1986</i> to expand the renewable resources production tax credit to include geothermal power, solar energy, incremental hydropower, and biomass (other than closed-loop biomass); expands the investment tax credit to include equipment used to produce electricity from renewable resources.		

Number	Short title	Date	Sponsor	Status
<i>S. 1731</i>	<i>Agriculture, Conservation, and Rural Enhancement Act of 2001 (Farm Aid bill)</i>	November 27	Tom Harkin (D/IA) <i>Committee on Appropriations, Subcommittees on Labor, Health, and Human Services, and Education, Chairman; Defense; Veterans Affairs, HUD, and Independent Agencies.</i>	Committee on Agriculture, Nutrition, and Forestry. Original measure reported to Senate by Senator Harkin. Without written report.
Key Provisions	<p>Title IX establishes new programs to provide incentives for the agricultural sector and rural areas to produce renewable energy and increase energy efficiency including the following provisions:</p> <ul style="list-style-type: none"> ○ A biobased product purchasing requirement for Federal agencies if the biobased product is comparable in price, performance, and availability to nonbiobased products. ○ Requires USDA to develop a list of biobased products, similar to the DOE/EPA ENERGYSTAR® Program that identifies environmentally preferable biobased products. ○ Establishes a competitive grant program to eligible corporations, farm cooperatives, associations of farmers, national laboratories, universities, state energy offices, Indian tribes, etc. to assist in paying the cost of development and construction of biorefineries to carry out projects that support the development of new and emerging technologies for converting biomass to fuels or chemicals. ○ Establishes within USDA a competitive grant program for eligible entities to educate Federal, state, regional and local government entities, private entities, and the public about the benefits of biodiesel fuel use. ○ Establishes a renewable energy development loan and grant program under which the Secretary of USDA will make loans to farmers and ranchers for projects that establish new, or expand existing, farmer or rancher cooperatives to enable farmers and ranchers to become owners and marketers of renewable electric energy. ○ Establishes an energy audit and renewable energy development program to provide grants to eligible entities to conduct energy audits to provide ranchers, farmers, and rural businesses recommendations for energy efficiency and renewable energy development opportunities. ○ Establishes a grant program to provide loans to farmers, ranchers, and rural small businesses to purchase renewable energy systems and make energy efficiency improvements. 			

Number	Short title	Date	Sponsor	Status
S. 1781	<i>Emission Reductions Incentives Act of 2001</i>	December 6	John McCain (R/AZ) <i>Committee on Commerce, Science, and Transportation, Ranking Minority Member</i>	Referred to the Committee on Governmental Affairs
	Key Provisions:	Directs the Secretary of Commerce to establish a voluntary registry system for greenhouse gases trading among industry to encourage voluntary actions to reduce greenhouse gas emissions and increase energy efficiency; proposes changes to the U.S. Global Change Research Program, including the development of a strategic plan for the 10-year period beginning in 2002 to be submitted to Congress; requires the Assistant Secretary of Technology Policy at the Department of Commerce to develop a plan to accelerate the introduction of highly efficient, low-emission vehicles through government incentives to be coordinated through the Department's Partnership for a New Generation of Vehicles; requires the Assistant Secretary for Technology to refine the charter and goals for a New Generation of Vehicles; requires the Assistant Secretary for Technology Policy to conduct a study of technology transfer barriers, best practices, and outcomes of technology transfer activities at Federal laboratories related to the commercialization of energy efficient technologies.		
S. 1810	<i>Home and Farm Wind Energy Systems Act of 2001</i>	December 12	Richard Durbin (D/IL) <i>Committee on Appropriations</i>	Referred to the Committee on Finance
	Key Provisions:	Amends the <i>Internal Revenue Code of 1986</i> to provide credits for individuals and businesses for the installation of certain wind energy property.		
S. 1832	<i>No Short Title</i>	December 14	Blanche Lincoln (D/AR) <i>Senate Renewable Energy and Energy Efficiency Caucus</i>	Referred to the Committee on Finance
	Key Provisions:	Amends the <i>Internal Revenue Code of 1986</i> to modify the credit for the production of electricity from renewable resources to include production of energy from agricultural and animal waste.		

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ATTACHMENT C

HEARINGS SCHEDULE

HOUSE – APPROPRIATIONS

No hearings of interest to FEMP.

HOUSE – AUTHORIZATIONS/OVERSIGHT

Date/Committee	Chair	Hearing Title/Issues	Witnesses	Time/Location
<i>December 18</i> and beyond— Subcommittee on Energy and Air Quality (Committee on Energy and Commerce) (NEW)	Joe Barton (R/TX)	<i>Haring and Mark Up – H.R. 3406 - Electric Supply and Transmission Act</i>	N/A	Hearing - December 18 – 4:00 p.m. (Mark up – TBD) Room 3405 Rayburn Office Building

SENATE – APPROPRIATIONS

No hearings of interest to FEMP.

SENATE – AUTHORIZATIONS/OVERSIGHT

No hearings of interest to FEMP.

CONFERENCE COMMITTEE NEGOTIATIONS/FLOOR VOTES

Date	Legislative Initiative	Time/Location
<i>December 18 – 20</i> (NEW)	<i>Conference Negotiations</i> –Defense Appropriations (includes FY 2001 Emergency Supplemental)	Time –TBA Capitol

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ATTACHMENT D

PRIVATIZATION INITIATIVES

Military Branch	Facility	Utility System	Facility / Characteristics	Contact / Solicitation No.
ATLANTA REGION				
<i>(No new announcements)</i>				
BOSTON REGION				
<i>(No new announcements)</i>				
CHICAGO REGION				
<i>(No new announcements)</i>				
DENVER REGION				
Air Force	Warren Air Force Base, WY	Development of an Unaccompanied Officers' Quarters Complex		Michael Beck 307-773-5751 Solicitation Number Not Available
PHILADELPHIA REGION				
<i>(No new announcements)</i>				
SEATTLE REGION				
<i>(No new announcements)</i>				

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ATTACHMENT E

FEDERAL AGENCY BUILDING PROJECTS

SOLICITATIONS

AGENCY	PROJECT	CONTACT
ATLANTA REGION		
U.S. Army Engineer District	Replacement of chiller and cooling tower; U.S. Army Engineer Research and Development Center, Vicksburg, MS	Alice Scott 601-631-7906 Solicitation Number DACW42-02-B-0001
Department of the Navy	Design and construction of a new Bachelor Enlisted Quarters. Work includes tempered, insulated, aluminum-frame windows and HVAC including continuous exhaust; North Charleston, SC	Barbara Green 843-820-5906 Solicitation Number N62467-02-R-0265
U.S. Army Corps of Engineers	Repair and renewal services may include energy conservation and chillers; Huntsville, AL	Sidney Motte 256-895-1135 Solicitation Number DACA87-02-R-0003
Department of Veterans Affairs	Consolidate the Medical Center's five energy management systems/platforms into a single system which will provide automatic control of the facility's HVAC systems; Louisville, KY	Marsha Metzger 502-894-6113 Solicitation Number 603-33-02
U.S. Army Corps of Engineers	Construct and provide control monitoring fully compatible with the existing Direct Digital Control energy monitoring and control system; Savannah, GA	Elaine Radcliffe 912-652-5416 Solicitation Number DACA21-02-R-0015
Naval Facilities Engineering Command	Military Family Housing Projects with interior and exterior repairs and improvements and energy computations. Sustainable design firms will be evaluated in terms of their knowledge and demonstrated experience in applying sustainability concepts and principles to facilities and infrastructure problems through an integrated design process; NC	Bayla Mack 757-322-8271 Solicitation Number N62470-02-R-7606
BOSTON REGION		
Naval Facilities Engineering Command	Design and Construction of the new Unmanned Undersea Combat Vehicle Laboratory. The latest environmentally friendly, energy-efficient materials and building operation systems will be incorporated into the building design; Lester, PA	Irene Katakinski 610-565-0628 Solicitation Number N62472-02-R-0805

AGENCY	PROJECT	CONTACT
CHICAGO REGION		
Marine Corps Support Activity	Two-phase design-build for Bachelor Enlisted Quarters. Project will include mechanical HVAC with Direct Digital Controls; Kansas City, MO	Mrs. Lolita L. Batis-McCoy 847-688-2600x122 Solicitation Number N68950-01-R-0016
DENVER REGION		
U.S. Coast Guard	Repair HVAC system. Work includes replacing air handling unit, replacing fan-powered variable air volume boxes, and installing electronic VAV control system; Venice, LA	Judy Davis 305-2786724 Solicitation Number DTCG82-02-B-3WCA20
PHILADELPHIA REGION		
Navy	Broad range of electrical and mechanical designs for maintenance, repair, and construction projects. Tasks will include mechanical, energy conservation, monitoring, control and recovery systems and analysis; Marine Corps Base, Quantico, VA	Karen Welch 703-784-5378 Solicitation Number N62477-02-R-1004
SEATTLE REGION		
<i>(No new announcements)</i>		

AWARDS

CONTRACTOR	PROJECT	CONTACT
Reynolds, Smith and Hills, Inc.	Award to Department of the Air Force, Air Education and Training Command in the amount of \$3,750,000.00 for IDIQ Open-End Energy A – Engineering Services; Jacksonville, FL	Michael Duncan 210-671-8428 Award Number F41689-02-D-0004
EMC Engineers, Inc.	Award to Department of the Air Force, Air Education and Training Command in the amount of \$3,750,000.00 for IDIQ Open-End Energy A – Engineering Services; Golden, CO	Michael Duncan 210-671-8428 Award Number F41689-02-D-0003
U.S. Army Engineer District	Award to United Cities Gas Company in the amount of \$500,000.00 for privatization of Natural Gas Distribution System; Fort Benning, GA	U.S. Army Engineer District Fort Worth, TX

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ATTACHMENT F – NEW TECHNOLOGIES

For informational purposes only. Listing does not imply endorsement.

Technology	Manufacturer	Manufacturer's Claim	Contact
HVAC			
WGZ Chiller	McQuay International	Energy efficiency ratio (EER) of 15.2 at full load and 17.8 EER at Integrated Part Load Value (IPLV); meets or exceeds ASHRAE Standard 90.1-1999	www.mcquay.com
MaxE Chiller	York	IPLV ratings exceed those of many constant-speed centrifugal chillers by as much as 30%	www.york.com
Durafill air filters	Camfil Farr	High-efficiency air filter provides energy efficiency and long service life in a compact, V-bank design; available in three efficiencies: MERV 11, 13, and 14.	www.camfilfarr.com/script/main.asp
Triton Aire -02 aerator/mixer	Aeration Industries	"With more efficient oxygen transfer and greater mixing capabilities, the system consumes less energy...."	www.aireo2.com
Lighting			
Upgrade Torchieres	Maxlite	ENERGY STAR [®] qualified – Meets UL requirements; dims to 10 percent; includes T5 double circline energy-saving florescent lamp	www.maxlite.com
<u>LightSaver[®] LCE Exterior Controller</u>	The Watt Stopper, Inc.	"Guarantees energy savings by turning lights off when they are not needed...provides security and safety to outdoor locations"	www.wattstopper.com
<u>LightSaver[®] LCO ON/OFF Switching</u>	The Watt Stopper, Inc.	"Utilizes photocell readings to determine when to switch lights on or off"	www.wattstopper.com
Subcompact bulbs	Maxlite	This series of bulbs realizes up to 75 percent savings and long life (up to 10,000 hours)	www.maxlite.com
Slique T2	Alkco subsidiary of the JJI Lighting Group, Inc.	Combines "the powerful, long-life illumination from a T2 subminiature linear fluorescent lamp, with an energy-efficient computer-enhanced reflector system"	www.alkco.com
57-watt Dulux[®] T/E/IN compact fluorescent system	Sylvania	"Unparalleled lumen output (4,300 lumens) and low input wattage (62W)"	www.sylvania.com
Capsylite[®] PAR16 GU10	Sylvania	"Cost-efficient light source that . . . has an average	www.sylvania.com

Technology	Manufacturer	Manufacturer's Claim	Contact
tungsten-halogen lamps		rated life of 2,000 hours"	
Harmony Light Bulbs	Harmony Lighting	ENERGY STAR® – Lasts up to 10 times longer and uses 75 percent less energy than a standard bulb; provides light equivalent to a 60-watt standard bulb	www.energyguide.com/gear/product2.asp?pfid=506
Heaters			
Series LC/LCE forced-draft boiler	Peerless Heater Company	"Combustion efficiency exceeds the 83% ASHRAE 90.1 minimum as required by the Federal standards for commercial boilers."	www.peerless-heater.com
G37-200, booster water heater	Rheem Manufacturing Company	"Thermal efficiency of 80%"	www.rheem.com/Entrance4/index.html
Insulation			
Duct wrap insulation	CertainTeed	"Can reduce heat loss and gain from equipment and ductwork, while helping to control condensation on cold duct surfaces"	www.certainteed.com
Meters			
Powermonitor 3000 M6	Rockwell Automation	"Power quality meter helps facility engineers identify and analyze power problems before damage to capital equipment or operational shutdowns occur."	www.automation.rockwell.com
Acquisuite Building Information Service	Obvius	"Measures consumption of electricity, gas, water, steam, and anything else that flows, as well as temperature, pressure, humidity, and CO2."	www.energyusernews.com/CD/ArticleInformation/products/BNPPProductItem/0,2589,68017,00.html

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ATTACHMENT G

MEETINGS, CONFERENCES, AND OTHER EVENTS

NOTE: New events are highlighted in **blue**.
DOE-sponsored events are highlighted in **red**.

ATLANTA REGION

DATE	EVENT	SPONSOR
January 10-11, 2002	Centrifugal Pumps Charleston, SC	National Technology Transfer
January 30-February 1, 2002	Introduction to FEDS 5.0 and Advanced FEDS Tampa, FL	FEMP
February 11-15, 2002	Comprehensive Five-Day Training Program for Energy Managers Miami Beach, FL	Association of Energy Engineers
March 11-13, 2002	Distributed Generation and On-Site Power Atlanta, GA	Energy User News, Global Energy Solutions, Energy Central, Sciencetech, and E-Source

BOSTON REGION

DATE	EVENT	SPONSOR
January 17-18, 2002	Commercialization of Energy Technologies New York, NY	Center for Building Intelligence
March 20-23, 2002	Building Energy 2002 Medford, MA	Northeast Sustainable Energy Association

CHICAGO REGION

DATE	EVENT	SPONSOR
March 19-21, 2002	Electric Power 2002 Conference & Exhibition St. Louis, MO	Electric Power 2002
April 16-17, 2002	Federal Utility Partnership Working Group Omaha, NE	FEMP
May 9-11, 2002	National Conference on Building Commissioning Chicago, IL	Portland Energy Conservation, Inc.
July 22-25, 2002	FedFleet 2002 Kansas City, MO	Federal Fleet Policy Council and GSA

DENVER REGION

DATE	EVENT	SPONSOR
January 9-11, 2002	Fundamentals of Buying and Selling Energy Denver, CO	Association of Energy Engineers
January 10-11, 2002	Fundamentals of Energy Management Denver, CO	Association of Energy Engineers (Co-sponsored by FEMP)
February 7-8, 2002	HVAC&R 101: Fundamentals of Heating, Ventilating, Air Conditioning, and Refrigeration Systems Dallas, TX	Association of Energy Engineers
May 12-15, 2002	Eighth National Clean Cities Conference and Exposition Oklahoma City, OK	Department of Energy

PHILADELPHIA REGION

Date	Event	Sponsor
January 8-10, 2002	Laboratories for the 21 st Century Washington, DC	FEMP
January 9, 2002	House_n, the MIT Home of the Future Washington, DC	DOE and the National Building Museum
January 15-16, 2002	Centrifugal Pumps Williamsburg, VA	National Technology Transfer
January 16, 2002	Interagency Energy Management Task Force Meeting Washington, DC	Interagency Energy Management Task Force
January 17-18, 2002	Fuel Cell Vehicle Workshop Washington, DC	University of California at Davis
January 17-18, 2002	Centrifugal Pumps Washington, DC	National Technology Transfer
February 26-27, 2002	Energy Security: Safeguarding Our Nation's Power Arlington, VA	Strategic Research Institute
March 6-8, 2002	National Facilities Management and Technology Conference & Exposition Baltimore, MD	National Facilities Management and Technology Conference
March 25-27, 2002	Sixth National Symposium on Market Transformation Washington, DC	American Council for an Energy Efficient Economy
March 27-28, 2002	Globalcon Energy/Facilities Management & Exposition Philadelphia, PA	Association of Energy Engineers

SEATTLE REGION

DATE	EVENT	SPONSOR
January 28-29, 2002	Reducing Your Energy Costs Conference New Orleans, LA	Center for Business Intelligence
January 29-30, 2002	Energy Cross Talk 2002 Seattle, WA	FEMP
February 6-8, 2002	Fundamentals of Buying and Selling Energy San Francisco, CA	Association of Energy Engineers
February 11-12, 2002	Technologies for Emerging Energy Policies: Meeting Energy Demand with Secure, Environmentally Friendly Technologies San Francisco, CA	Air and Waste Management Association
February 14-15, 2002	Energy Auditing 101: Identifying Cost-Saving Opportunities in Plants and Buildings Sacramento, CA	Association of Energy Engineers
February 18-22, 2002	Total Commissioning Building Process and The Commissioning Process Supporting Technology Ontario, CA	University of Wisconsin
February 20-22, 2002	Clean Heavy Duty Vehicles for the 21st Century: Exploring Trends in Advanced Technologies and Fuels Tempe, AZ	WestStart and the U.S. Army National Army Automotive Center
February 21-22, 2002	Keys to Energy Management Anaheim, CA	Association of Energy Engineers
February 27-March 1, 2002	Seventh Annual National Ethanol Conference San Diego, CA	Renewable Fuels Association
June 2-5, 2002	Energy 2002 Palm Springs, CA	FEMP
June 6-7, 2002	West Coast Energy Management Congress Anaheim, CA	Association of Energy Engineers
June 15-20, 2002	Solar 2002 Reno, NV	American Solar Energy Society
August 18-23, 2002	Teaming for Efficiency Pacific Grove, CA	American Council for an Energy Efficient Economy

INTERNATIONAL

DATE	EVENT	SPONSOR
March 13-15, 2002	GLOBE 2002 – Seventh International Conference and Trade Fair on the Business of the Environment Vancouver, Canada	GLOBE Foundation of Canada

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